

REASONING

2ER16

National Numeracy Tests

First name _____

Last name _____

School _____

Class _____

Date of birth ○○ ○○ ○○○○

Date of test ○○ 05 2016

Total score (maximum 20)



139139



Llywodraeth Cymru
Welsh Government

1 Marc's green card has a number.



The number is in the 5-times table.
It is bigger than 5
It is less than 15

What number is on the green card?



Marc's yellow card has a number.



The number is in the 5-times table
but it is **not** in the 10-times table.
It is bigger than 20

What number could be on the yellow card?

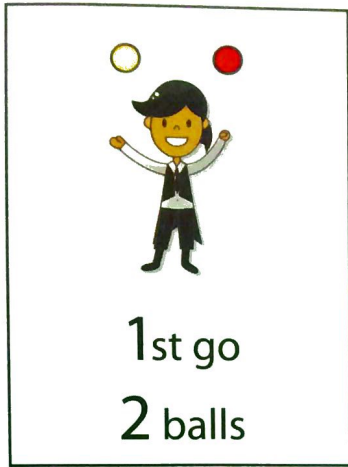
Give three different answers.

or

or



2 Jane is juggling.

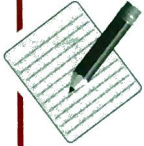


She **adds 2 more** balls each time.

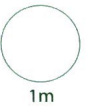
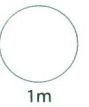
Her 3rd go has balls

Her 6th go has balls

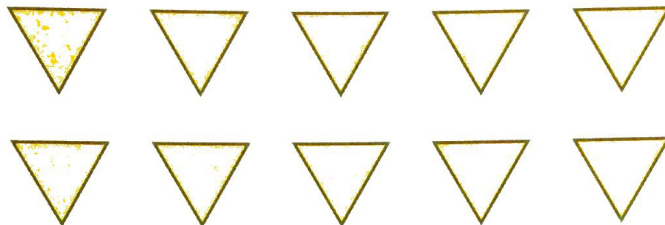
Which go has 20 balls?



Her go has 20 balls




3 Iona has 10 flags. The flags are all the same.



She puts the flags in two hats.

The grey hat has 4 more flags than the black hat.

How many flags are in each hat?

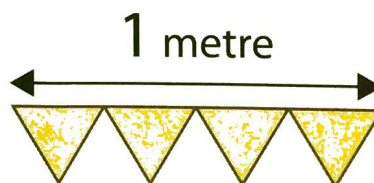


The grey hat has flags

The black hat has flags

10 flags altogether

This string of flags is 1 metre long.



Iona makes a string of flags $1\frac{1}{2}$ metres long.

How many flags does she use?

flags



2m

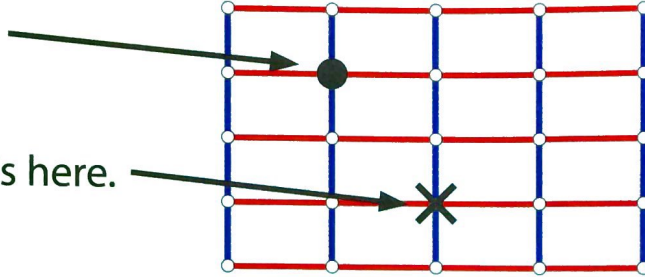


1m

1 Each  is 5 metres long.

Each  is 3 metres long.


O is here.



The nest is here.

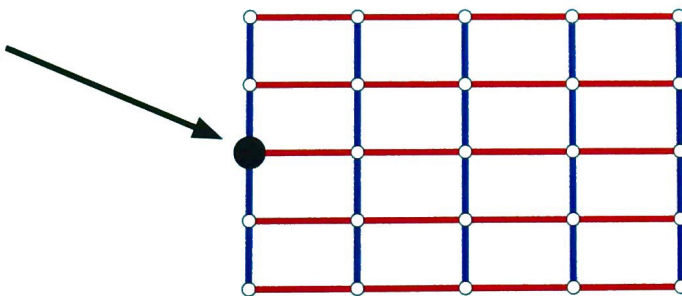
O walks to the nest. She walks on three planks.

How many metres does she walk?



metres

P is here.



A nest is 8 metres from him.

Where could it be?

Draw crosses **X** to show **two** different places.



2

1  and 1  have 4 eyes altogether.

2  and 3  have eyes altogether.

1m

It is dark.

There are 6 eyes.



It could be 3  and 0 

What else could it be?

  and 

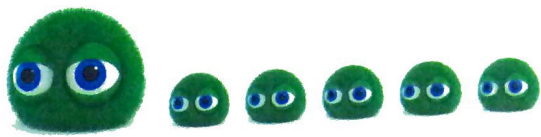
or  and 

or  and 

2m

TOTAL
7m

3 Each mummy Gop has 5 babies.



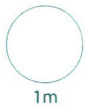
Each mummy Pop has 2 babies.



1 mummy Gop and 3 mummy Pops are together.

Altogether, how many babies do they have?

babies



6 mummies are together.

Altogether they have 18 babies.

How many of the 6 mummies are Gops? How many are Pops?

mummy Gops

mummy Pops

6 mummies altogether

